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Substitut	e for form 1449A/PTO			Application Number	09/681,298			
	INFORMATIO			Filing Date	March 14, 2001			
	STATEMENT	BY.	APPLICANT	First Named Inventor	Johnson et al. AUG	NED		
	(use as many sh	eets a	s necessary)	Group Art Unit	2188-3623 Techno	200.		
				Examiner Name	2188-3623 Technology Cent CM COLON 17243-00009			
Sheet	1	of	2	Attorney Docket Number	17243-00009	er 2100		

	U.S. PATENT DOCUMENTS									
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the ftems (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.				
anc	AA GATH, I. and GEVA, A.B., "Unsupervised Optimal Fuzzy Clustering," IEEE Trans. Pattern Anal. Machine Intell., vol. PAMI-11, no. 7, pp. 773-781, July 1989					
	АВ	BEZDEK, JAMES C.; HATHAWAY, RICHARD J.; SABIN, MICHAEL J.; and TUCKER, WILLIAM T., "Convergence Theory For Fuzzy c-Means: Counterexamples and Repairs," IEEE Trans. Syst., Man, Cybern., vol. SMC-17, no. 5, pp. 873-877, September/October 1987				
	AC	DUNN, J.C., "A Fuzzy Relative of the ISODATA Process and Its Use in Detecting Compact Well-Separated Clusters," J. Cybemetics, vol. 3, no. 3, pp. 32-57, 1973				
	AD	BREIMAN, L.; FRIEDMAN, J.H.; OLSHEN, R.A.; STONE, C.J., Classification and Regression Trees, (1984), Chapman & Hall, New York, Chapters 1, 2, 3, and 8				
	AE	BREALEY, RICHARD A. and MYERS, STEWART, C., Principles Of Corporate Finance, (1988), McGraw-Hill, Inc., New York, Chapter 2				
A	AF	EFRON, BRADLEY and TIBSHIRANI, ROBERT J., "An Introduction to the Bootstrap," Chapman & Hall, New York, pp. 45-85				

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